3/04
5100-37-700 Rev-B

TPS™

Micro Reciprocating Saw

REF 5100-37

US Patent: 6,752,816

stryker®
INSTRUMENTS

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European Equivalent 5100-37-713 Rev-B
Japanese Equivalent 5100-37-723 Rev-B
N. European Equivalent 5100-37-749 Rev-B

IMPORTANT INFORMATION:
File in your maintenance records

TPS Micro Reciprocating Saw

REF 5100-37

For use with the Total Performance System.

WARNING: Before using any TPS component, read and understand its instructions and review the important User/Patient Safety information provided in the TPS Console instruction booklet. Familiarization with the Total Performance System prior to use is important. If you have any questions, contact your Stryker Instruments representative or Stryker Customer Service at 1-800-253-3210.

CAUTION: Prior to use, handpiece and accessories should be operated and inspected for damage. Do not use if damage is apparent.

Accessory Information

WARNING: Use only Stryker approved accessories. A complete list of accessories is available from your Stryker sales representative.

Use Stryker series REF 5100-37 blades and rasp.

WARNINGS:

- If the blade is not engaged, it may come out of the handpiece during use and damage tissue at the surgical site.
- If the blade has a SAFETY line on its shaft, ensure that the line is hidden within the handpiece.

Important Information

Refer to your *TPS Cleaning, Maintenance, and Sterilization Recommendations* for instrument care information.

Instructions

Blade Insertion

NOTES:

- Two markers are located near the blade insertion area to facilitate the alignment of the blade.
- The blade will seat in two positions (marker locations) that are 180 degrees apart.
- Some blades have a SAFETY line on the shaft that will disappear inside the handpiece when the blade is properly installed.

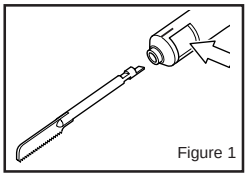

Figure 1

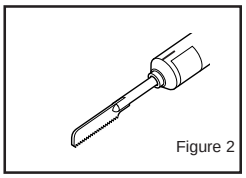

Figure 2

1. Fully depress the button (figure 1).

2. Align the blade teeth with one of the markers and insert the blade into the handpiece until it bottoms.

3. Release the button. The button should return to its original position and engage the blade (figure 2).

4. Gently twist and tug the blade to ensure the blade is engaged.

WARNINGS:

- Before operating the handpiece, gently tug the blade to verify that the blade is secure.
- If the blade has a SAFETY line, observe that the line is hidden within the handpiece.

Blade Removal

- Fully depress the button, withdraw the blade, and release the button.

Troubleshooting

Problem	*Cause*	*Solution*
Blade does not reciprocate.	Blade not seated properly.	Reseat blade.
	User placing excessive pressure on blade by prying with it.	Release pressure to allow handpiece and blade to do the work.
Handpiece will not reach full speed with handswitch.	Handswitch operation inhibited by large midsection of handpiece.	Fully retract or fully extend finger rest.

See *Instrument Repair/Loaner Program*. Outside the U.S.A., contact your Stryker sales representative or your nearest subsidiary.

Duty Cycle

Cycle Time: 20 seconds on/ 20 seconds off
Cycle Frequency: 4 times
Break Between Cycles: 30 minutes

Specifications

REF 5100-37 Reciprocating Saw

Size: 7.5 in [190 mm] Long
0.79 in [20 mm] Diameter
Weight: 0.6 lbs [.25 Kg]
Speed: 14,000 CPM maximum
Excursion: .110 in [2.8 mm]

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